

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041323\
 Data File : BM039414.D
 Acq On : 13 Apr 2023 16:58
 Operator : CG/JU
 Sample : 02262-04MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JPP-2-040723MS

Quant Time: Apr 13 17:42:23 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 11 16:05:42 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 04/14/2023
 Supervised By : Jagrut Upadhyay 04/14/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.857	152	177837	20.000	ng	0.00
21) Naphthalene-d8	10.669	136	699853	20.000	ng	0.00
39) Acenaphthene-d10	14.515	164	397613	20.000	ng	0.00
64) Phenanthrene-d10	17.262	188	818842	20.000	ng	0.00
76) Chrysene-d12	21.456	240	811240	20.000	ng	0.00
86) Perylene-d12	23.838	264	939755	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	1435945	121.651	ng	0.02
7) Phenol-d6	7.063	99	1679313	109.994	ng	0.03
23) Nitrobenzene-d5	9.033	82	1218376	84.612	ng	0.00
42) 2,4,6-Tribromophenol	16.015	330	670905	132.923	ng	0.00
45) 2-Fluorobiphenyl	13.133	172	2456668	83.714	ng	0.00
79) Terphenyl-d14	19.892	244	3953611	90.041	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.281	88	188847	39.141	ng	# 28
3) Pyridine	3.699	79	326502	24.156	ng	97
4) n-Nitrosodimethylamine	3.604	42	232545	43.807	ng	95
6) Aniline	7.192	93	337060	17.838	ng	98
8) 2-Chlorophenol	7.434	128	544638	45.081	ng	98
9) Benzaldehyde	6.998	77	246016	28.295	ng	98
10) Phenol	7.092	94	602850	39.402	ng	99
11) bis(2-Chloroethyl)ether	7.287	93	553352	44.957	ng	100
12) 1,3-Dichlorobenzene	7.745	146	567467	44.290	ng	100
13) 1,4-Dichlorobenzene	7.892	146	579310	44.716	ng	99
14) 1,2-Dichlorobenzene	8.210	146	561747	45.346	ng	100
15) Benzyl Alcohol	8.116	79	494951	47.134	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.398	45	738017m	46.877	ng	
17) 2-Methylphenol	8.333	107	447876	41.840	ng	98
18) Hexachloroethane	8.933	117	218440	43.589	ng	98
19) n-Nitroso-di-n-propyla...	8.675	70	432903	44.357	ng	98
20) 3+4-Methylphenols	8.669	107	594840	41.354	ng	94
22) Acetophenone	8.692	105	844058	45.107	ng	# 98
24) Nitrobenzene	9.075	77	625578	43.678	ng	98
25) Isophorone	9.598	82	1196983	44.559	ng	99
26) 2-Nitrophenol	9.786	139	292641	44.200	ng	99
27) 2,4-Dimethylphenol	9.863	122	500029	45.455	ng	99
28) bis(2-Chloroethoxy)met...	10.086	93	716524	44.063	ng	100
29) 2,4-Dichlorophenol	10.333	162	495304	46.147	ng	98
30) 1,2,4-Trichlorobenzene	10.533	180	515863	44.926	ng	99
31) Naphthalene	10.722	128	1654768	43.881	ng	100
32) Benzoic acid	10.033	122	336173	39.209	ng	98
33) 4-Chloroaniline	10.851	127	154009	9.322	ng	98
34) Hexachlorobutadiene	10.992	225	294457	43.611	ng	98
35) Caprolactam	11.645	113	138665	37.208	ng	95
36) 4-Chloro-3-methylphenol	11.998	107	546534	46.153	ng	99
37) 2-Methylnaphthalene	12.333	142	1114881	42.468	ng	99
38) 1-Methylnaphthalene	12.551	142	1054108	42.882	ng	99
40) 1,2,4,5-Tetrachloroben...	12.704	216	565141	46.683	ng	99
41) Hexachlorocyclopentadiene	12.674	237	702049	106.152	ng	98
43) 2,4,6-Trichlorophenol	12.957	196	386013	46.755	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.039	196	419327	43.325	ng	99
46) 1,1'-Biphenyl	13.345	154	1471956	46.880	ng	99
47) 2-Chloronaphthalene	13.392	162	1101569	46.335	ng	99
48) 2-Nitroaniline	13.610	65	361271	45.157	ng	98
49) Acenaphthylene	14.239	152	1791940	45.861	ng	99
50) Dimethylphthalate	13.980	163	1416303	46.220	ng	100
51) 2,6-Dinitrotoluene	14.104	165	306463	46.507	ng	97
52) Acenaphthene	14.580	154	1063786	46.106	ng	100
53) 3-Nitroaniline	14.439	138	193675	25.424	ng	94
54) 2,4-Dinitrophenol	14.651	184	380388	97.474	ng	97
55) Dibenzofuran	14.915	168	1688195	45.448	ng	100
56) 4-Nitrophenol	14.786	139	477084	81.215	ng	96
57) 2,4-Dinitrotoluene	14.892	165	430600	48.305	ng	90
58) Fluorene	15.562	166	1357081	46.138	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.151	232	363681	47.233	ng	100
60) Diethylphthalate	15.339	149	1435310	46.536	ng	99
61) 4-Chlorophenyl-phenyle...	15.557	204	661261	45.362	ng	99
62) 4-Nitroaniline	15.609	138	296929m	37.983	ng	
63) Azobenzene	15.851	77	1430118	46.281	ng	98
65) 4,6-Dinitro-2-methylph...	15.657	198	249178	46.256	ng	98
66) n-Nitrosodiphenylamine	15.780	169	1180464	45.749	ng	99
67) 4-Bromophenyl-phenylether	16.456	248	393336	44.979	ng	100
68) Hexachlorobenzene	16.568	284	456638	48.159	ng	98
69) Atrazine	16.739	200	405999	49.679	ng	99
70) Pentachlorophenol	16.921	266	611247	89.852	ng	100
71) Phenanthrene	17.309	178	2099449	46.814	ng	99
72) Anthracene	17.398	178	2145955	46.928	ng	100
73) Carbazole	17.680	167	2036699	47.664	ng	99
74) Di-n-butylphthalate	18.233	149	2655938	50.247	ng	100
75) Fluoranthene	19.327	202	2480051	48.513	ng	100
77) Benzidine	19.527	184	279640	13.069	ng	99
78) Pyrene	19.692	202	2771473	47.989	ng	99
80) Butylbenzylphthalate	20.592	149	1217477	46.016	ng	99
81) Benzo(a)anthracene	21.439	228	2578118	45.061	ng	100
82) 3,3'-Dichlorobenzidine	21.380	252	667683	35.032	ng	99
83) Chrysene	21.491	228	2499322	45.251	ng	99
84) Bis(2-ethylhexyl)phtha...	21.362	149	1846082	47.244	ng	99
85) Di-n-octyl phthalate	22.280	149	3230213	45.883	ng	100
87) Indeno(1,2,3-cd)pyrene	26.321	276	3187178	46.030	ng	99
88) Benzo(b)fluoranthene	23.115	252	2838201	49.359	ng	100
89) Benzo(k)fluoranthene	23.162	252	2862776	48.877	ng	99
90) Benzo(a)pyrene	23.732	252	2503777	44.324	ng	100
91) Dibenzo(a,h)anthracene	26.338	278	2644121	45.478	ng	99
92) Benzo(g,h,i)perylene	27.085	276	2623219	45.879	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

